



## Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(51721)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled Nucleic Acid Molecules and Other Molecules Associated With Plants, the specification of which is filed herewith unless the following box is checked:

	was filed on _; as United States App was amended on	plication Number; and (if applicable).			
I hereby	y state that I have revi ad by any amendment	ewed and understand the con referred to above.	ntents of the above identified specification, inclu	iding the clai	ims, as
			terial to patentability as defined in 37 C.F.R. § 1		
invento	or's certificate, or § 36	5(a) of any PCT international	119(a)-(d) or § 365(b) of any foreign application application, which designated at least one courreign application for patent or inventor's certification on which priority is claimed.		
				Priority	Claimed
Prior Foreign Application(s)				☐ Yes	□ No
(Appli	cation No.)	(Country)	(Day/Month/Year Filed)		
				☐ Yes	☐ No
(Appli	cation No.)	(Country)	(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Robert A. Auchter, Reg. No. 38,069 Jeffrey I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 341,612 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 June E. Cohan, Reg. No. 43,741 Joseph V. Colaianni, Reg. No. 39,948 Chris Comuntzis, Reg. No. 31,097 Mary S. Consalvi, Reg. No. 32,212 Jenny Wei-Chun Chen, Reg. No. 44,604 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Alan M. Grimaldi, Reg. No. 26,599 Sharmini Nathan Green, Reg. No. 41,410 Alexander J. Hadjis, Reg. No. 36,540

Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114

Albert P. Halluin, Reg. No. 25,227

Derek J. Jardieu, Reg. No. 44,483

Leslie L. Jacobs, Jr., Reg. No. 40,659

Send Correspondence to:

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Robert C. Laurenson, Reg. No. 34,206

Joseph P. Lavelle, Reg. No. 31,036 Don F. Livornese, Reg. No. 32,040 Christopher A. Mathews, Reg. No. 35,944 David R. Marsh, Reg. No. 41,408 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Anthony D. Miller, Reg. No. 34,394 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg.No. 40,772 Timothy W. Riffe, Reg. No. 43,881 Andrea G. Reister, Reg. No. 36,253 Paul D. Roath, Reg. No. 45,045 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40.205 William K. West, Reg. No. 22,057 Adam K. Whiting, Reg. No. 44,400 Robert J. Worrall, Reg. No. 37,969

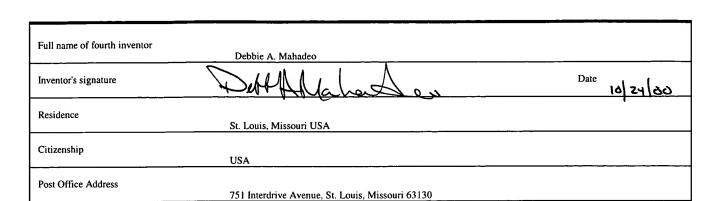
Larry M. Lavin, Jr.
Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

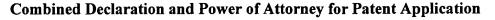
	M NC Abril	
Full name of sole or first invento	or Mark S. Abad	
Inventor's signature	rails alrad	Date 10-19-00
Residence	Webster Groves, Missouri USA	
Citizenship	USA	
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119	
Full name of second inventor	Scott E. Andersen	
Inventor's signature	but Al	Date 10/24/00
Residence	St. Louis, Missouri USA	
Citizenship	USA	
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146	
Full name of third inventor	Patrice Dubois	
Inventor's signature	Patris Paulon	Date 10/24/08
Residence	Richmond Heights, Missouri USA	
Citizenship	USA	
Post Office Address	7086 Oakland Apt. 2 West, Richmond Heights, Missouri 63117	



	James D. Masucci	
Inventor's signature		Date
Residence	Ballwin, Missouri USA	
Citizenship	USA	
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011	

Full name of sixth inventor	-
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address	





Docket Number: 38-21(51721)B

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled <u>Nucleic Acid Molecules and Other Molecules Associated With Plants</u>, the specification of which is filed herewith unless the following box is checked:

<b>–</b>	as United States Appl			•	
	was amended on	(if appl	icable).		
•	state that I have revied the by any amendment re		the contents of the above identified sp	ecification, including the c	laims, as
I acknow	vledge the duty to disc	lose information tha	t is material to patentability as defined	in 37 C.F.R. § 1.56.	
inventor States li	's certificate, or § 365( sted below, and have a	(a) of any PCT internals of identified below	.S.C. § 119(a)-(d) or § 365(b) of any finational application, which designated any foreign application for patent or in pplication on which priority is claimed	at least one country other to nventor's certificate, or PC	han the United
Par Fo	reign Application(s)			Priority	Claimed
<b>5</b> 5				☐ Yes	□ No
(Applica	ation No.)	(Country)	(Day/Month/Yea	r Filed)	
	ntion No.)			☐ Yes	□ No
(Applica	ation No.)	(Country)	(Day/Month/Yea	r Filed)	
Effereby	claim the benefit unde	er 35 U.S.C. § 119(e	) of any United States provisional appl	lication(s) listed below.	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Robert A. Auchter, Reg. No. 38,069 Jeffrey I. Auerbach, Reg. No. 32,680 Melvin L. Barnes, Jr. Reg. No. 38,375 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 341,612 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 June E. Cohan, Reg. No. 43,741 Joseph V. Colaianni, Reg. No. 39,948 Chris Comuntzis, Reg. No. 31,097 Mary S. Consalvi, Reg. No. 32,212 Jenny Wei-Chun Chen, Reg. No. 44,604 Ben M. Davidson, Reg. No. 38,424 Ross E. Davidson, Reg. No. 41,698 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Alan M. Grimaldi, Reg. No. 26,599 Sharmini Nathan Green, Reg. No. 41,410 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Leslie L. Jacobs, Jr., Reg. No. 40,659 Derek J. Jardieu, Reg. No. 44,483

Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114

Send Correspondence to:

Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Robert C. Laurenson, Reg. No. 34,206

Joseph P. Lavelle, Reg. No. 31,036 Don F. Livornese, Reg. No. 32,040 Christopher A. Mathews, Reg. No. 35,944 David R. Marsh, Reg. No. 41,408 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Anthony D. Miller, Reg. No. 34,394 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg.No. 40,772 Timothy W. Riffe, Reg. No. 43,881 Andrea G. Reister, Reg. No. 36,253 Paul D. Roath, Reg. No. 45,045 Stephen J. Rosenman, Reg. No. 29,209 Timothy L. Scott, Reg. No. 37,931 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40.205 William K. West, Reg. No. 22,057 Adam K. Whiting, Reg. No. 44,400 Robert J. Worrall, Reg. No. 37,969

Larry M. Lavin, Jr.
Monsanto Company
700 Chesterfield Parkway North, BB4F
St. Louis, Missouri
Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670





I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first invente	or Mark S. Abad	
Inventor's signature		Date
Residence	Webster Groves, Missouri USA	
Citizenship	USA	
Post Office Address	235 Papin Avenue, Webster Groves, Missouri 63119	
型 Full name of second inventor 立	Scott E. Andersen	
Thyentor's signature		Date
Residence	St. Louis, Missouri USA	
Ejtizenship	USA	
Post Office Address	1036 Fashion Square, St. Louis, Missouri 63146	
Full name of third inventor	Patrice Dubois	
Inventor's signature		Date
Residence	Richmond Heights, Missouri USA	
Citizenship	USA	
Post Office Address	7086 Oakland Apt. 2 West, Richmond Heights, Missouri 63117	





Full name of fourth inventor	Debbie A. Mahadeo	
Inventor's signature		Date
Residence	St. Louis, Missouri USA	
Citizenship	USA	
Post Office Address	751 Interdrive Avenue, St. Louis, Missouri 63130	

ame of fifth inventor	James D. Masucci	
This is a signature with the sin	LOUL.	Date 10/19/00
Residence	Ballwin, Missouri USA	
Gitizenship	USA	
Post Office Address	4 Foxcliff Court, Ballwin, Missouri 63011	
Full name of sixth inventor		
Full name of sixth inventor		
Inventor's signature		Date
Inventor's signature Residence		Date
-		
Residence		
Residence Citizenship		